Chicago, Ill.

POPULATION CALCULATION SHEET

US EPA RECORDS CENTER REGION 5
546958

[1] Population of City (or Other Municipality) _____ People Year _____

[2] Area of City (Planimeter Reading) _____ Square Inches

[3] Population Density [[1] ÷ [2]] 3041.47 People per Square Inch

[4] Average Persons per House (Census) _____ Year _____

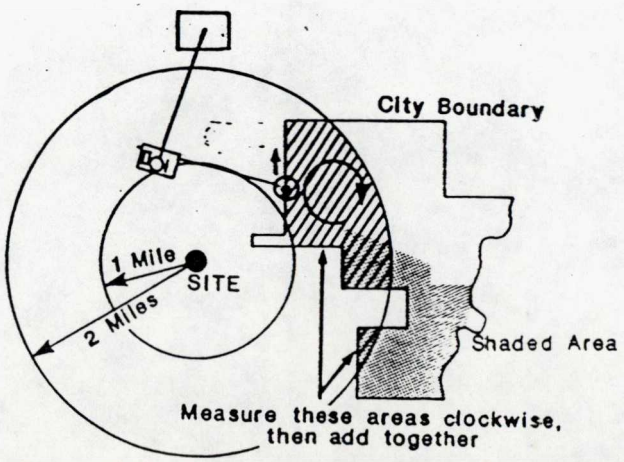
	1/4 mile	1/2 mile	1 mile	2 mile	3 mile	4 mile
[5] Area of City Within Radius (Planimeter Reading)	—	—	0.3	3.68	3.99	6.39
[6] Population of City Within Radius [[5] x [3]]	—	—	913	11,194	12137	19,438
[7] House Count Within Radius, Outside City						
[8] Population From House Count [[7] x [4]]						
[9] Total Population Within Radius [[6] + [8]]						

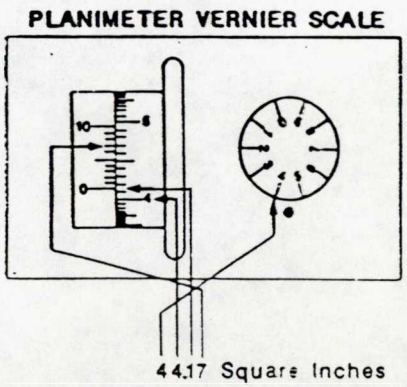
ERROR CHECK:

[10] Area of City Outside 4 miles _____ Square Inches

[11] Population of City Outside of 4 miles [[10] x [3]] _____ People

[12] Population of City [Σ [6] + [11]] _____ People $\stackrel{?}{=}$ [1]





East Chicago, Indiana POPULATION CALCULATION SHEET

[1] Population of City (or Other Municipality) _____ People Year _____

[2] Area of City (Planimeter Reading) _____ Square Inches

[3] Population Density [[1] ÷ [2]] 2468.11 People per Square Inch

[4] Average Persons per House (Census) _____ Year _____

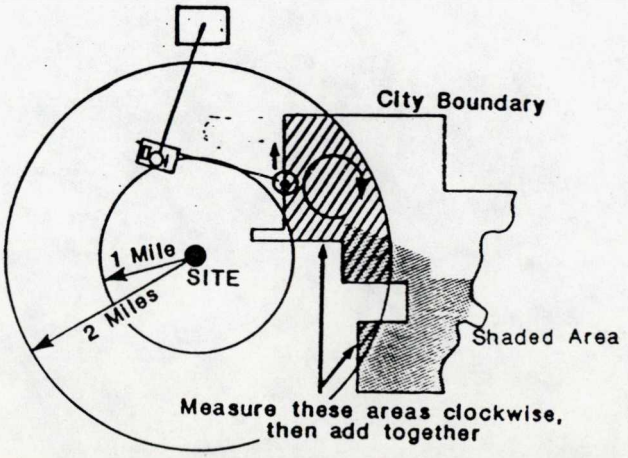
	1/4 mile	1/2 mile	1 mile	2 mile	3 mile	4 mile
[5] Area of City Within Radius (Planimeter Reading)	—	—	—	2.04	6.54	10.10
[6] Population of City Within Radius [[5] x [3]]	—	—	—	5035	16141	24938
[7] House Count Within Radius, Outside City						
[8] Population From House Count [[7] x [4]]						
[9] Total Population Within Radius [[6] + [8]]						

ERROR CHECK:

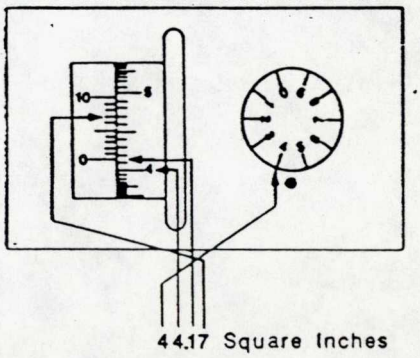
[10] Area of City Outside 4 miles _____ Square Inches

[11] Population of City Outside of 4 miles [[10] x [3]] _____ People

[12] Population of City [Σ [6] + [11]] _____ People $\stackrel{?}{=}$ [1]



PLANIMETER VERNIER SCALE



44.17 Square Inches

Hammond, In.

POPULATION CALCULATION SHEET

[1] Population of City (or Other Municipality) _____ People Year _____

[2] Area of City (Planimeter Reading) _____ Square Inches

[3] Population Density [[1] ÷ [2]] 1418.83 People per Square Inch

[4] Average Persons per House (Census) _____ Year _____

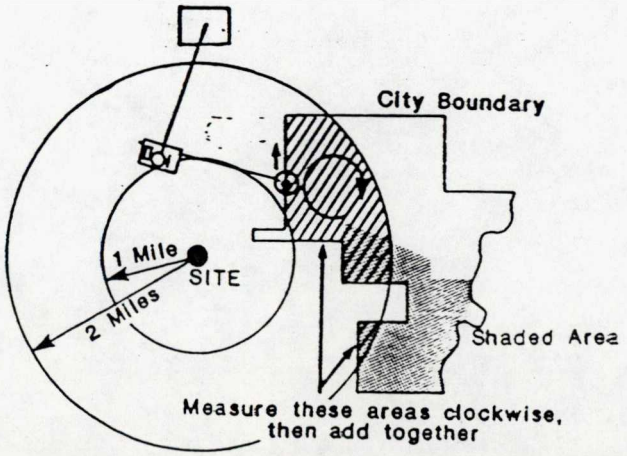
	1/4 mile	1/2 mile	1 mile	2 mile	3 mile	4 mile
[5] Area of City Within Radius (Planimeter Reading)	—	0.19	2.19	9.34	8.14	8.78
[6] Population of City Within Radius [[5] x [3]]	—	270	3,107	13,252	11,549	12,457
[7] House Count Within Radius, Outside City						
[8] Population From House Count [[7] x [4]]						
[9] Total Population Within Radius [[6] + [8]]						

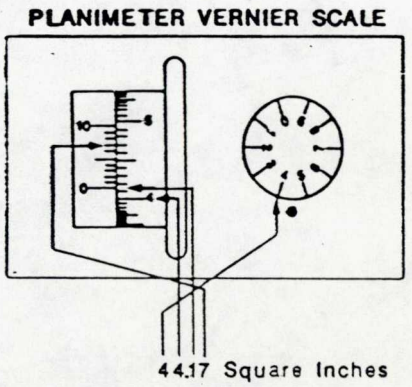
ERROR CHECK:

[10] Area of City Outside 4 miles _____ Square Inches

[11] Population of City Outside of 4 miles [[10] x [3]] _____ People

[12] Population of City [∑ [6] + [11]] _____ People $\stackrel{?}{=}$ [1]





Whiting, IN.

POPULATION CALCULATION SHEET

[1] Population of City (or Other Municipality) _____ People Year _____

[2] Area of City (Planimeter Reading) _____ Square Inches

[3] Population Density [[1] ÷ [2]] 2288.62 People per Square Inch

[4] Average Persons per House (Census) _____ Year _____

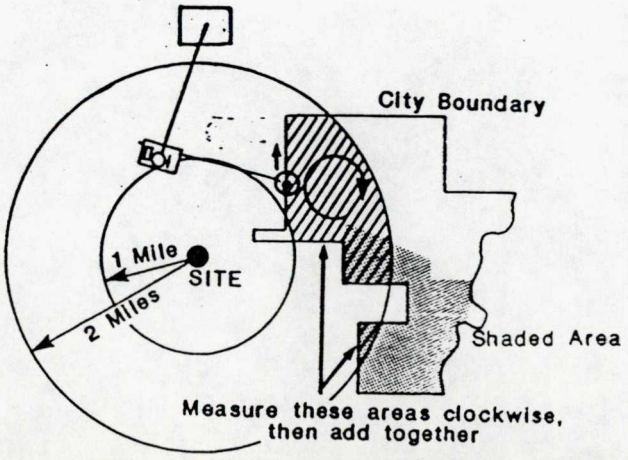
	1/4 mile	1/2 mile	1 mile	2 mile	3 mile	4 mile
[5] Area of City Within Radius (Planimeter Reading)	—	—	0.14	3.29	0.48	—
[6] Population of City Within Radius [[5] x [3]]	—	—	320	7530	1099	—
[7] House Count Within Radius, Outside City						
[8] Population From House Count [[7] x [4]]						
[9] Total Population Within Radius [[6] + [8]]						

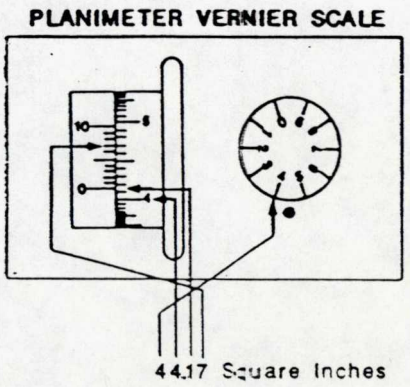
ERROR CHECK:

[10] Area of City Outside 4 miles _____ Square Inches

[11] Population of City Outside of 4 miles [[10] x [3]] _____ People

[12] Population of City [Σ [6] + [11]] _____ People $\stackrel{?}{=}$ [1]





Calumet City, Il.

POPULATION CALCULATION SHEET

[1] Population of City (or Other Municipality) _____ People Year _____

[2] Area of City (Planimeter Reading) _____ Square Inches

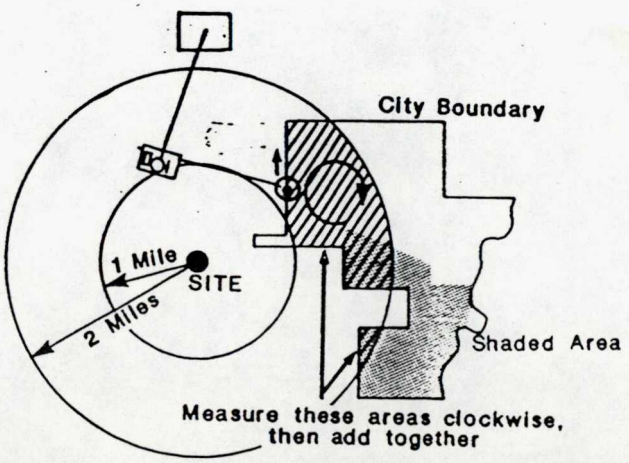
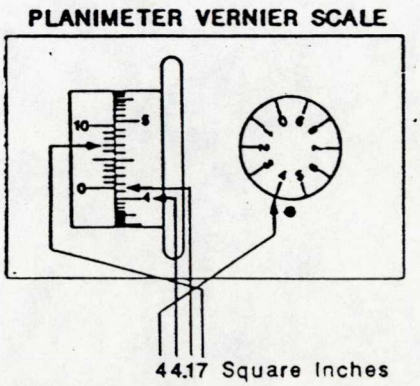
[3] Population Density [[1] ÷ [2]] 1815.13 People per Square Inch

[4] Average Persons per House (Census) _____ Year _____

	1/4 mile	1/2 mile	1 mile	2 mile	3 mile	4 mile
[5] Area of City Within Radius (Planimeter Reading)	—	—	—	—	5.2	11.3
[6] Population of City Within Radius [[5] x [3]]	—	—	—	—	9438	20514
[7] House Count Within Radius, Outside City						
[8] Population From House Count [[7] x [4]]						
[9] Total Population Within Radius [[6] + [8]]						

ERROR CHECK:

[10] Area of City Outside 4 miles _____ Square Inches

[11] Population of City Outside of 4 miles [[10] x [3]] _____ People

[12] Population of City [Σ [6] + [11]] _____ People $\stackrel{?}{=}$ [1]